

Force Level IPT



DATE: 28 July 1998

PRESENTED BY: BOBBY JENKINS

Product Description/Mission

Mission:

Fulfill the following requirement from the TAMPS ORD:

TAMPS ORD para 4.0.b "**Integrated Strike Planning Support** - Future enhancements to TAMPS shall include force level decision support, such as integration of aircraft and missile strike options, air defense suppression support, and deconfliction."

Objective: Maintain Existing TSCM capabilities

Stage: Production, Installation and Life Cycle Support

Last Review: PMR 9 JUNE 98 Contractor: GDE

Next Review: IPT STATUS Date: 28 July 98

Budget Assessment

FY98	Required Amount	Committed Amount	Obligated Amount	Expended Amount	Percent Expended
OPN to Philly for Hardware	535,027	172,000	172,000	0	0%
RDT&E to GDE through Dahlgren	1,625,000	1,625,000	1,625,000	0	0%
OPN to Philly for Installations	75,000	75,000	75,000	0	0%
OPN to Dahlgren for Dahlgren Labor	250,000	250,000	250,000	136,679	55%
Schweiger	83,000	83,000	83,000	0	0%
SCN for Ken Ptack	77,610	0	0	0	NA
SCN for GDE SAWG	151,000	151,000	0	0	0%
SCN for SIWG	0	0	0	0	NA
SCN for CSCI	156,000	156,000	0	0	0%
SCN for TSCM Functionality	0	0	0	0	NA
SCN for CVN75 Hardware	174,676	0	0	0	NA
SCN for CVN68 Hardware	0	0	0	0	NA
PMA233 Travel	14,000	14,000	14,000	10,800	77%
TOTAL	3,141,313	2,526,000	2,219,000	147,479	

Software Development Schedule

ID	Task Name	Start	Finish	1998				1999				2000							
				Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4			
1	TSCM 98 Program	Thu 1/1/98	Wed 5/24/00	TSCM 98 Program															
2	2.3 Program (SUN UNIX Ultra Workstation)	Thu 1/1/98	Wed 12/16/98	2.3 Program (SUN UNIX Ultra Workstation)															
3	2.3 Development	Thu 1/1/98	Fri 5/1/98																
8	2.3 Ext Sys Integration (Est. CVN-71 COMTUE)	Mon 5/4/98	Wed 10/21/98																
15	2.3 Operational Test (Est. CVN71 JTFEX)	Mon 11/30/98	Wed 12/16/98																
18	2.3 Flt Support	Thu 1/1/98	Wed 8/5/98																
32	2.4 Program (NSWPC Requirements on SUN UNIX)	Thu 10/22/98	Wed 5/24/00	2.4 Program (NSWPC Requirements on SUN UNIX)															
33	2.4 Development	Thu 10/22/98	Wed 5/26/99																
42	2.4 Ext Sys Integration	Thu 5/27/99	Wed 9/8/99																
44	2.4 Operational Test	Thu 9/9/99	Wed 11/10/99																
46	2.4 Flt Support	Thu 9/9/99	Wed 5/24/00																
48	TSCM 99 Program	Thu 9/9/99	Wed 5/23/01	TSCM 99 Program															
49	3.0 Program (WIN NT DII COE)	Thu 9/9/99	Wed 5/23/01	3.0 Program (WIN NT DII COE)															
50	3.0 Development	Thu 9/9/99	Wed 4/12/00																
52	3.0 External Sys Integration	Thu 4/13/00	Wed 7/26/00																
54	3.0 Operational Test	Thu 7/27/00	Wed 9/27/00																
56	3.0 Flt Support	Thu 7/27/00	Wed 5/23/01																

Development Schedule Highlights

TSCM Version 2.3 OPEVAL in June 1999

- Target CVW9 on the USS Constellation (CV64).
- Technical Evaluation during Fallon.
- Developmental Test during COMTUEX.
- Operational Test during JTFEX.



















TSCM Version 2.4 (NSWPC)

- Enters USS Nimitz CVN 68 Integration Lab June 1999.
- Software Development Plan being generated.

TSCM Version 3.0 in WIN NT on PC (DII C)

- Fleet Release Dec 2000.
- NT Re-host White paper being reviewed.

Installation Schedule

ID		Task Name	Start	Finish	1997		Qtr 1, 1998			Qtr 2, 1998			Qtr 3, 1998			Qtr 4, 1998			Qtr 1, 1999		
					Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
1		TSCM Installs 98	Thu 5/8/97	Thu 12/10/97																	
2		CVN73 - GW	Thu 5/8/97	Fri 8/22/97																	
7		AGF Coronado	Sun 8/24/97	Thu 4/23/98	4/23																
13		CVN75 - Truman	Fri 9/26/97	Fri 9/26/97																	
16		CVN74 - Stennis	Fri 9/26/97	Tue 1/6/98	1/6																
36		CVN72 - Lincoln	Thu 11/13/97	Thu 4/9/98	4/9																
21		NSAWC - ULTRA 1200	Mon 12/1/97	Mon 12/1/97	12/1																
22		CVN69 - Ike (CVW-17)	Thu 12/18/97	Mon 2/2/98	2/2																
27		GDE	Mon 2/2/98	Tue 2/3/98	2/3																
31		CVN70 - Vinson (CVW-11)	Wed 2/11/98	Mon 3/2/98	3/2																
35		CVW-11 NSAWC Training	Tue 4/21/98	Thu 4/23/98	4/23																
29		SPAWAR	Mon 3/2/98	Tue 3/3/98	3/3																
50		SPAWAR	Mon 3/2/98	Tue 6/2/98	6/2																
46		CVN65 - Enterprise (CVW-3)	Mon 3/9/98	Wed 6/24/98	6/24																
47		Site Survey	Mon 3/9/98	Mon 3/9/98	3/9																
48		HP 755	Tue 6/23/98	Wed 6/24/98	6/24																
49		Operator Training	Wed 5/27/98	Thu 5/28/98	5/28																
42		CV-63 - Kitty Hawk	Thu 3/12/98	Tue 4/28/98	4/28																
53		NSAWC	Mon 4/13/98	Tue 4/21/98	4/21																
58		CVN71 - TR (CVW-8)	Wed 7/1/98	Fri 7/17/98	7/17																
63		NMITC	Sat 8/1/98	Thu 8/20/98	8/20																
68		CV-64 - Constellation	Thu 10/29/98	Thu 12/10/98	12/10																
73		CV-67 - JFK	Tue 11/17/98	Thu 12/10/98	12/10																

Installation Schedule Highlights

TSCM Installation on the Enterprise CVN

- Aug. HP-750 Hardware install.
- System integration test and Training.

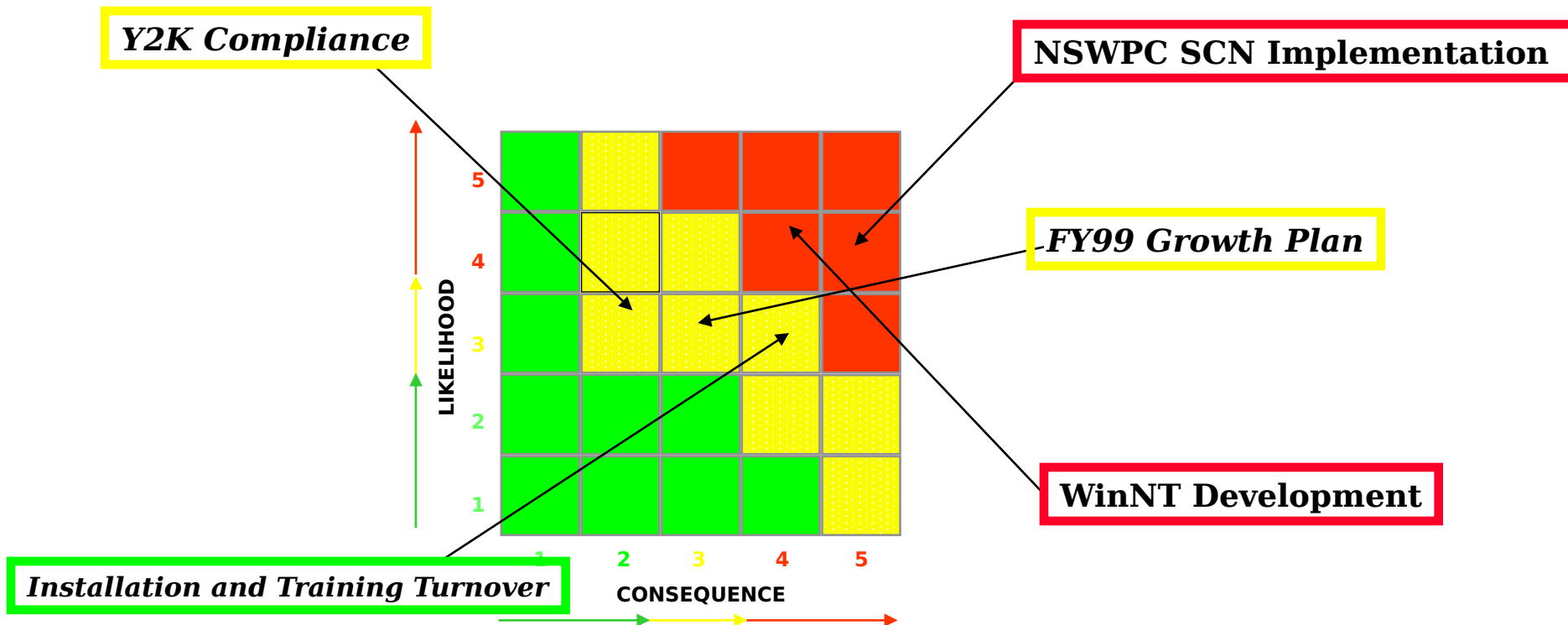
TSCM Installation on the TR CVN-71

- Aug. Sun Ultra install and training turnover.

TSCM Installation on the Constellation C

- Dec 10-11 Sun Ultra install
- Target OPEVAL for June 99

Product Risk Management



Risk Mitigation

- **NSWPC SCN Implementation:**
 - **Review GDE implementation plan and ROM.**
 - **Submit ROM and plan to PMA-281.**
- **WinNT Development:**
 - **Review GDE WinNT white paper.**
 - **Conducting Technical Interchange Meeting Aug 12/13.**
- **Y2K Compliance :**
 - **Verify Y2K compatibility using LCDR Carr guidelines.**
 - **Submit to PMA-233 Class Desk for Y2K compatibility test and validation.**
 - **Remove and replace HP systems by 31 March 98.**

Risk Mitigation (cont.)

- **FY99 Growth Plan:**
 - **Write contract delivery orders and air task.**
 - **Submitting Detailed Level 5 Task inputs To Super Budget.**
- **Installation and Training Turnover:**
 - **MOA between GDE and SPAWAR.**
 - **GDE to provide training to SPAWAR Aug 3-7.**
 - **SPAWAR and GDE to perform TR TSCM installs and training.**

ISSUES

- **ISSUE: OPEVAL rescheduled for FY99.**
- **RECOMMENDATION: Perform OPEVAL in June 99 aboard the USS Constellation CV64.**
- **RESOLUTION: SPAWAR Install two TSCM Sun Ultra systems and provide training aboard the USS Constellation CV64.**

ISSUES

- ISSUE: TSCM Hardware availability to meet the CVN-71 installation in August.**
- RECOMMENDATION: SPAWAR to provide and install two TSCM SUN Ultra systems and LAN connections for installation.**
- RESOLUTION: None.**

ISSUES

- **ISSUE: FY99 TSCM WinNT vs UNIX**
- **RECOMMENDATION: Show a business trade-off between WinNT by the end of FY99 versus staying in UNIX until FY02.**
- **RESOLUTION: Pending**

Summary Product Assessment

Force Level Logistics Product IPT	Assessment Indicator
	Yellow

Assessments	May	Jun	Jul	Aug
Technical Performance	OK	OK	OK	OK
Cost Performance	OK	OK	OK	OK
Development Schedule		↓	↓	↓
Software	OK	OK	OK	OK
Funding	OK	↓	↓	
Test & Evaluation	↑	↓		↑
Production	N/A	N/A	N/A	N/A
Logistics & Installation		↑	↑	↓
Contract Status		↑	↑	OK
Mngt & Global Issues	OK	OK	OK	OK
Documentation Status		↓	↑	↑